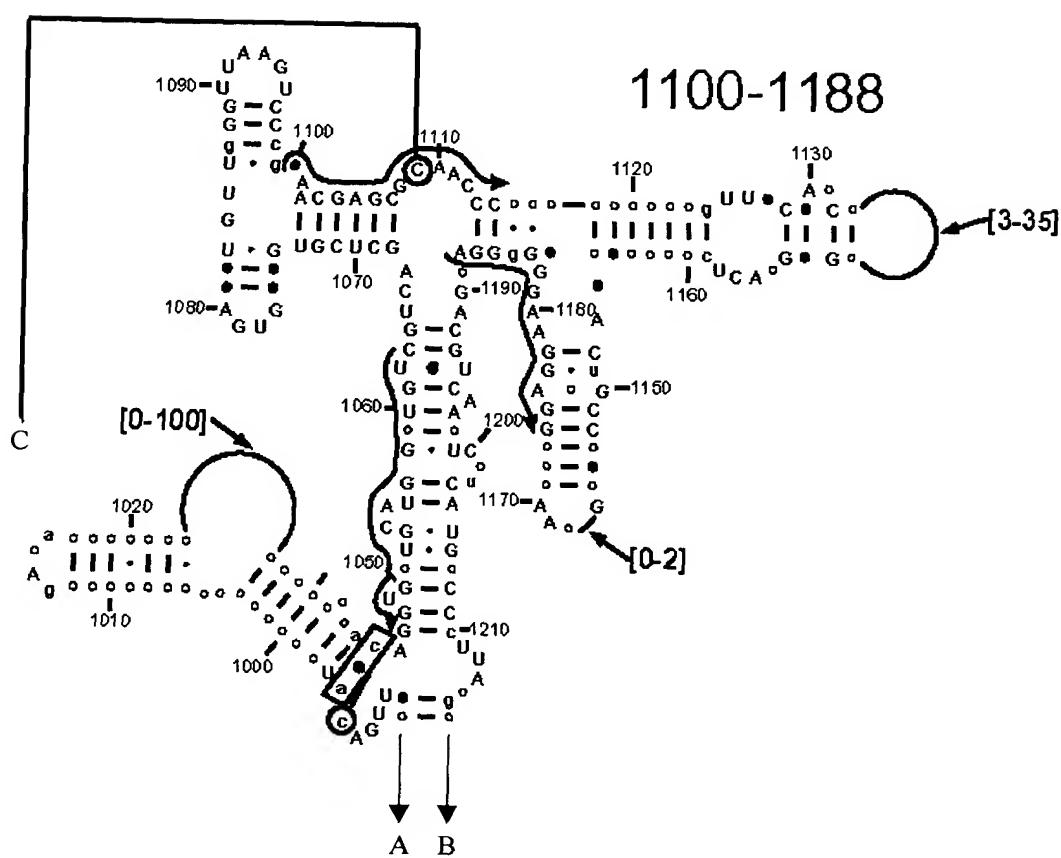


FIG. 1A-1



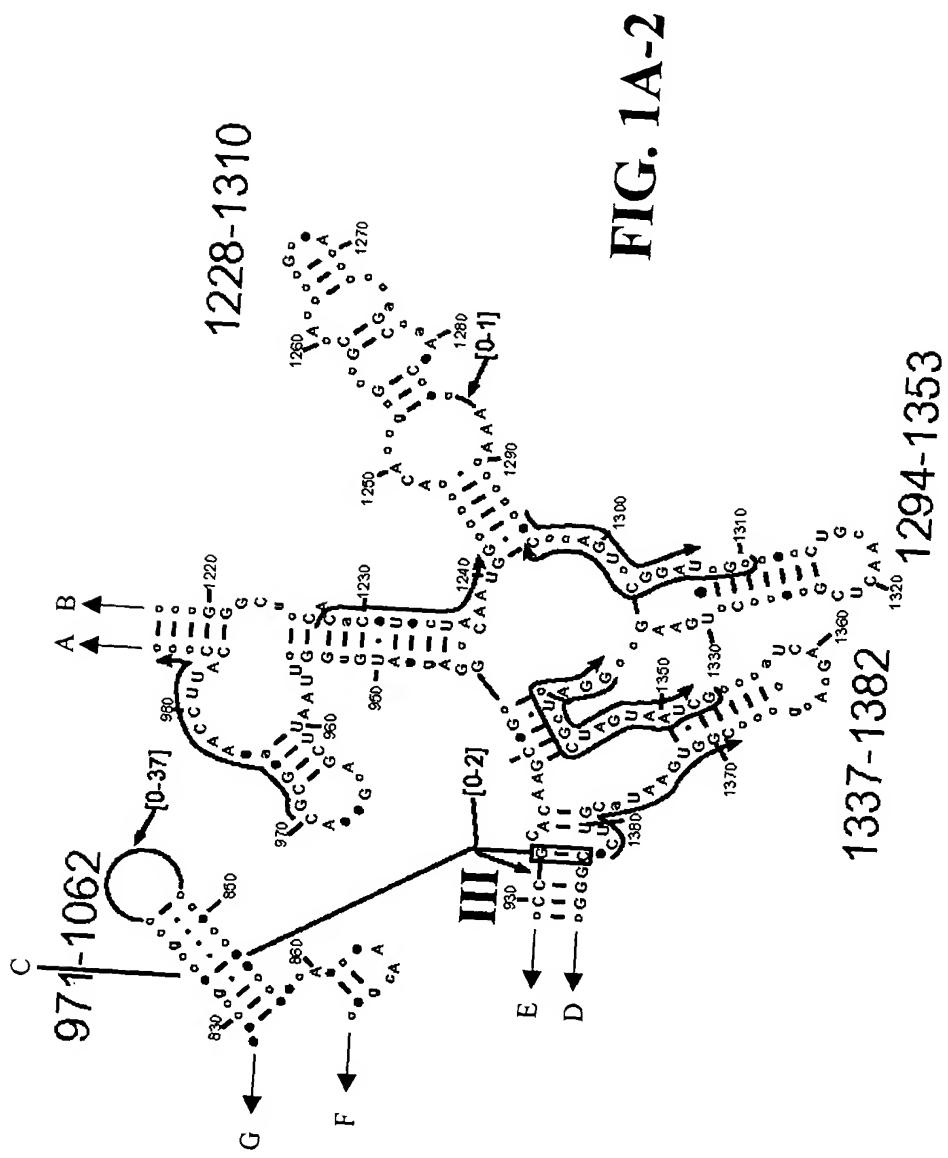
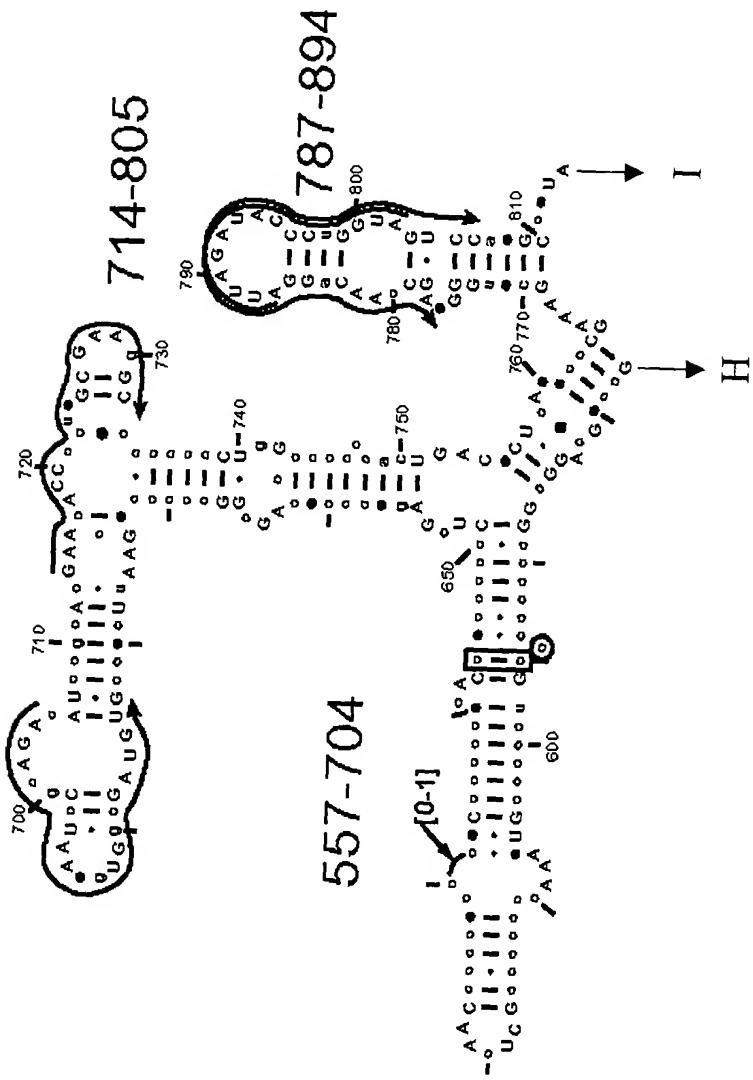
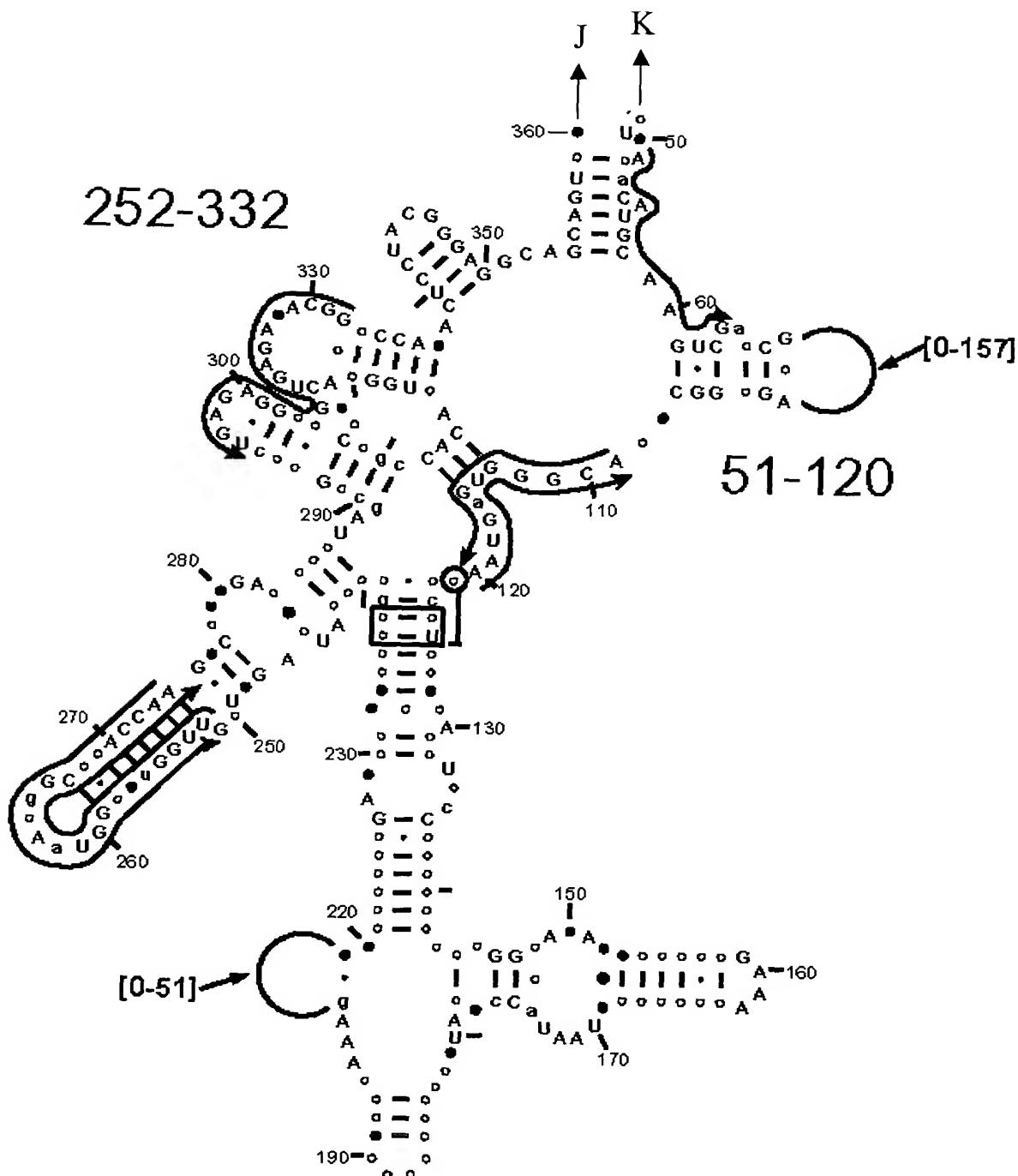
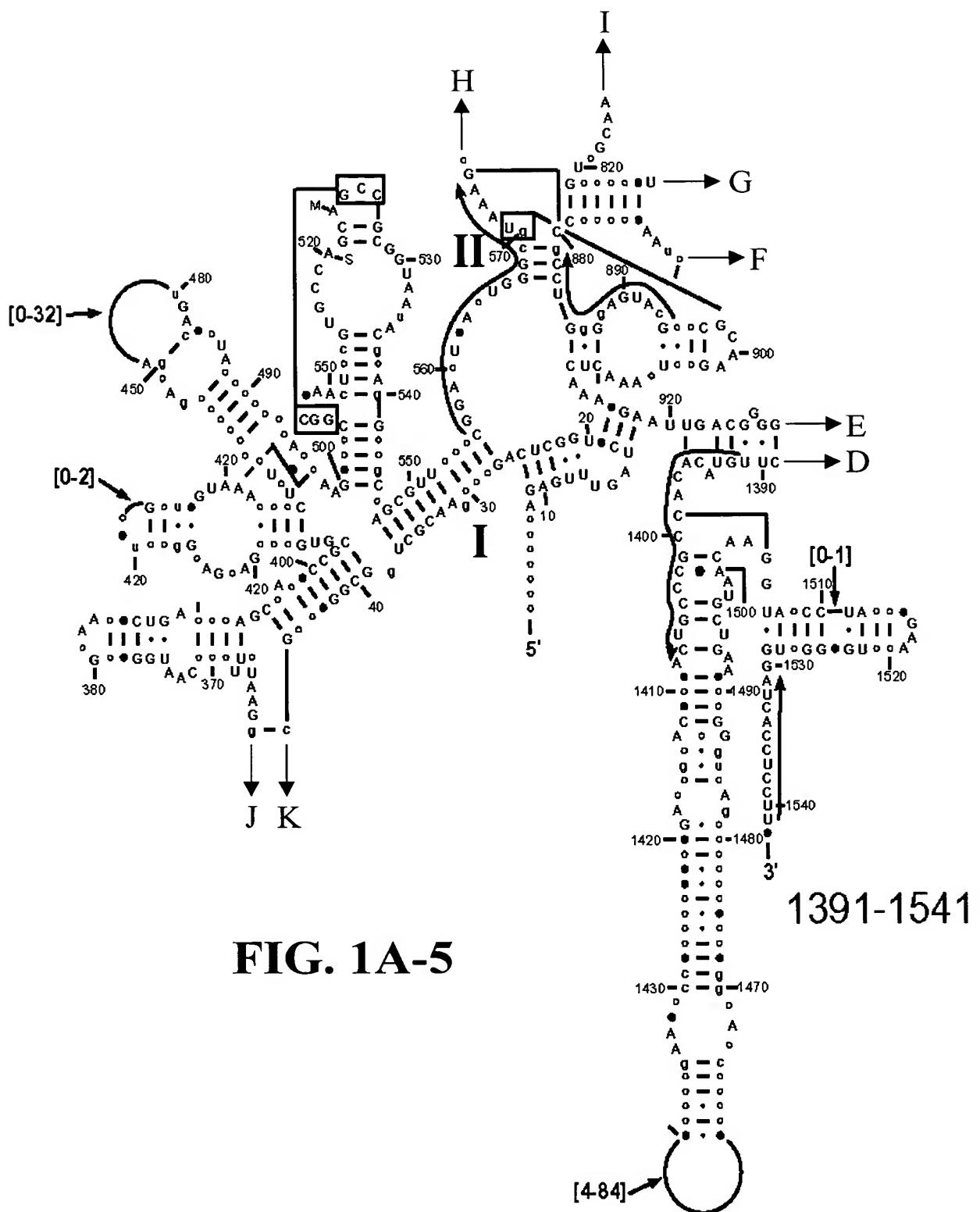


FIG. 1A-3

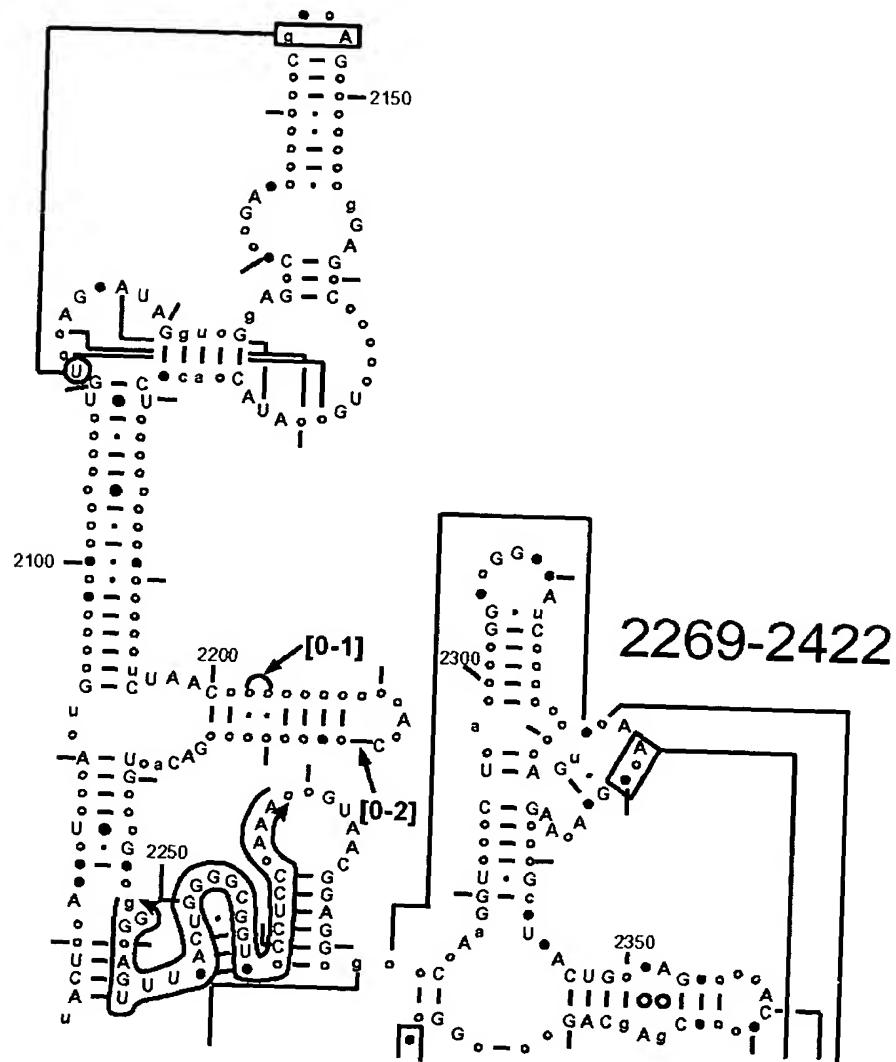


**FIG. 1A-4**





## FIG. 1B



## FIG. 1C

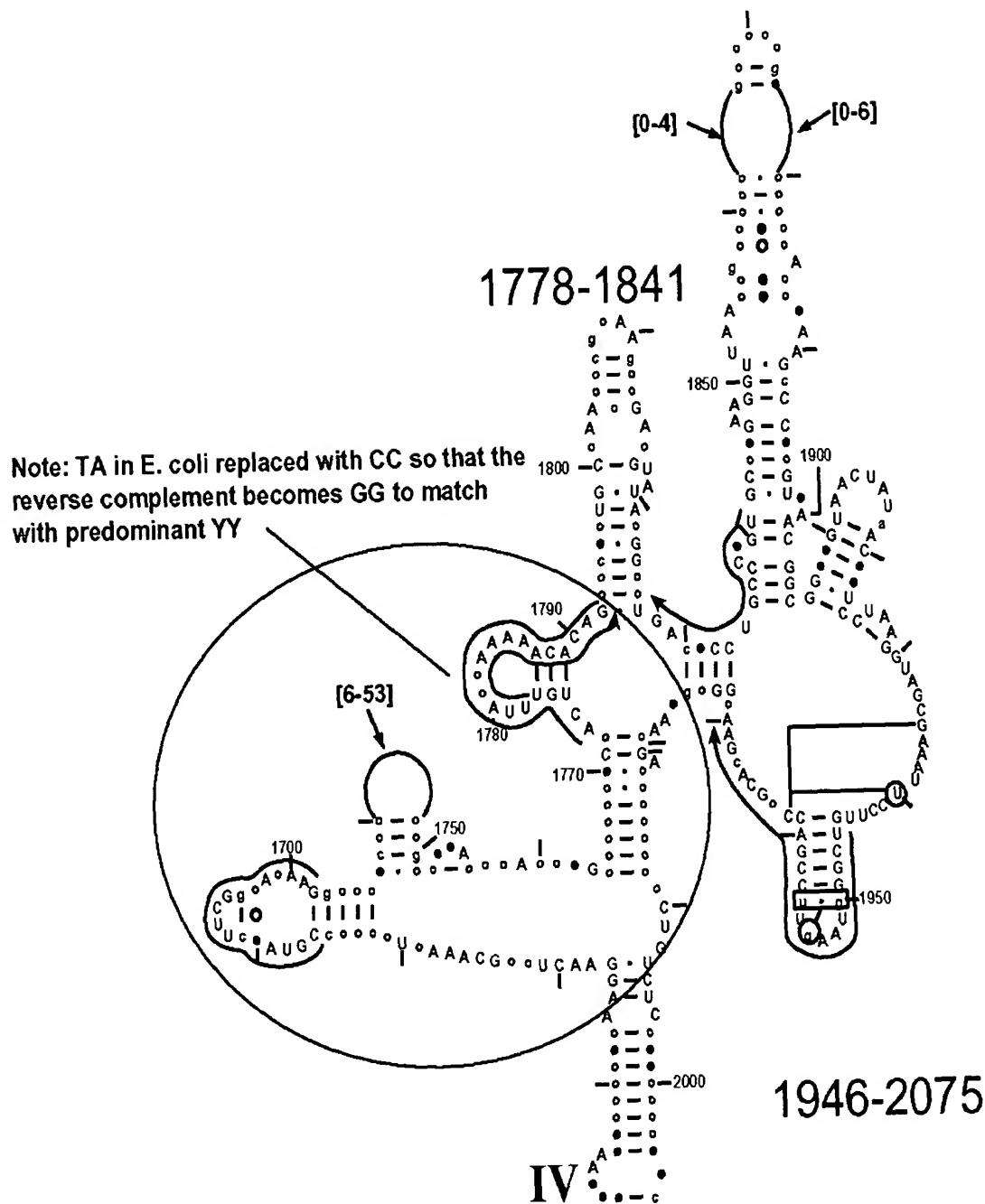


FIG. 1D

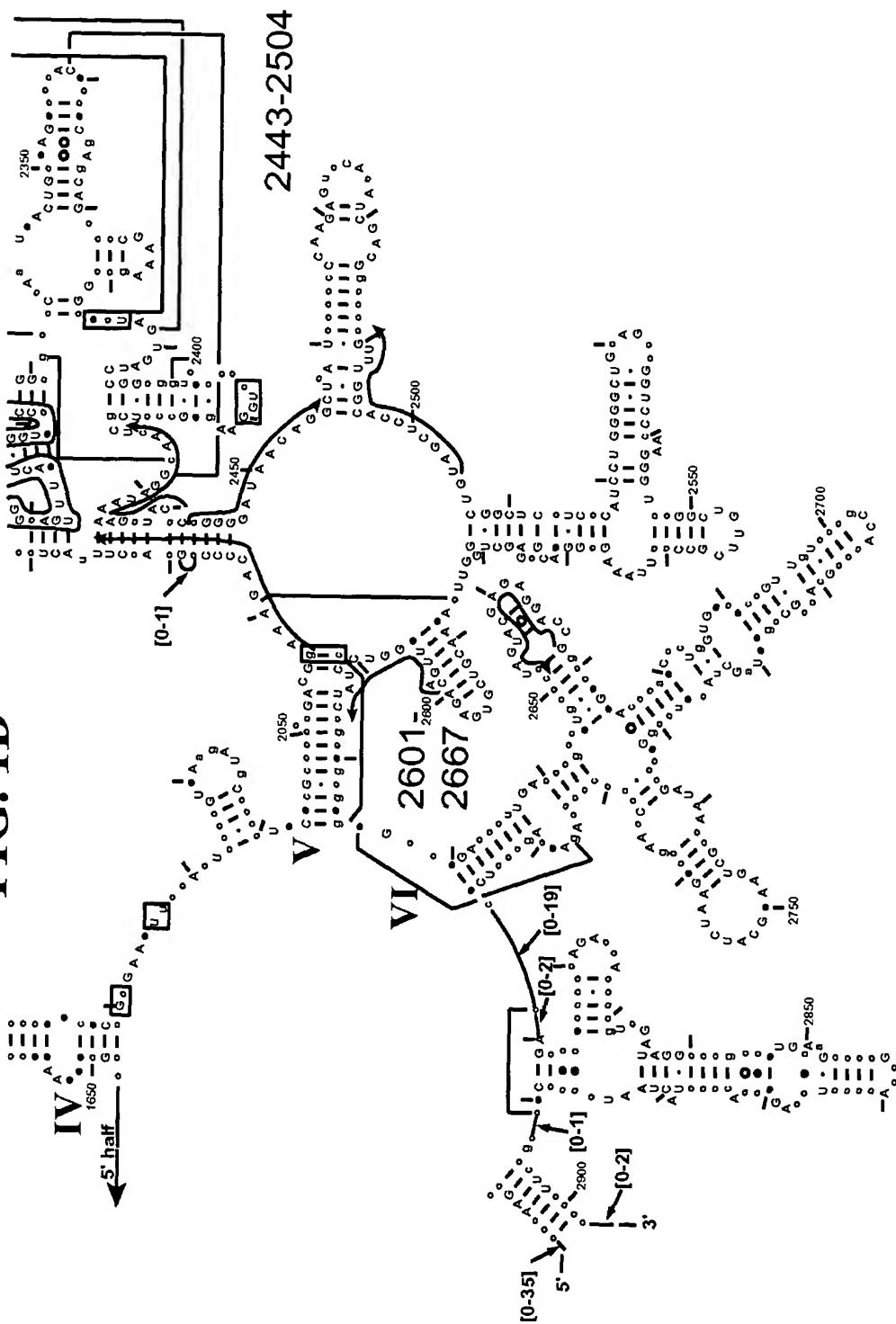


FIG. 1E

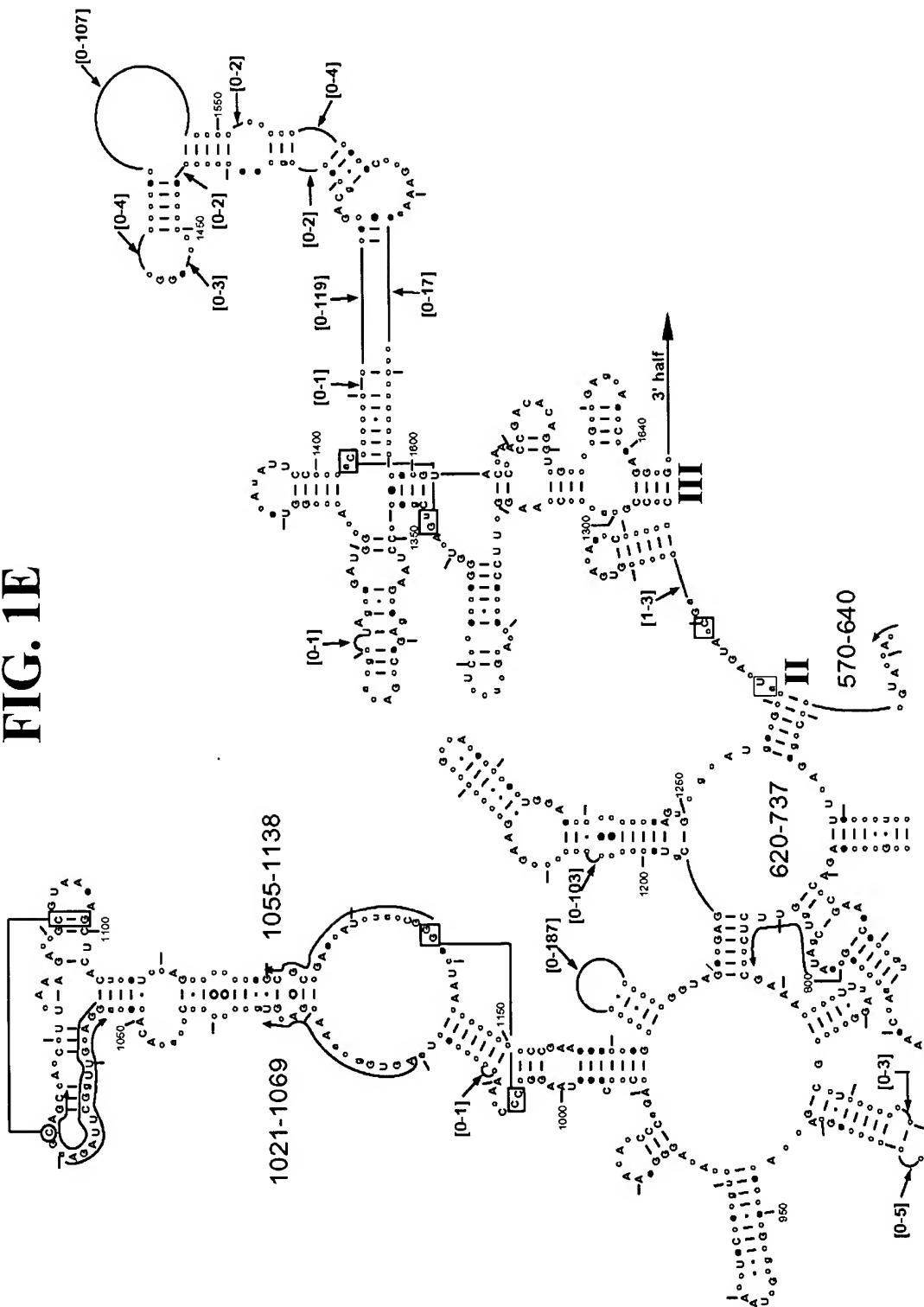


FIG. 1F

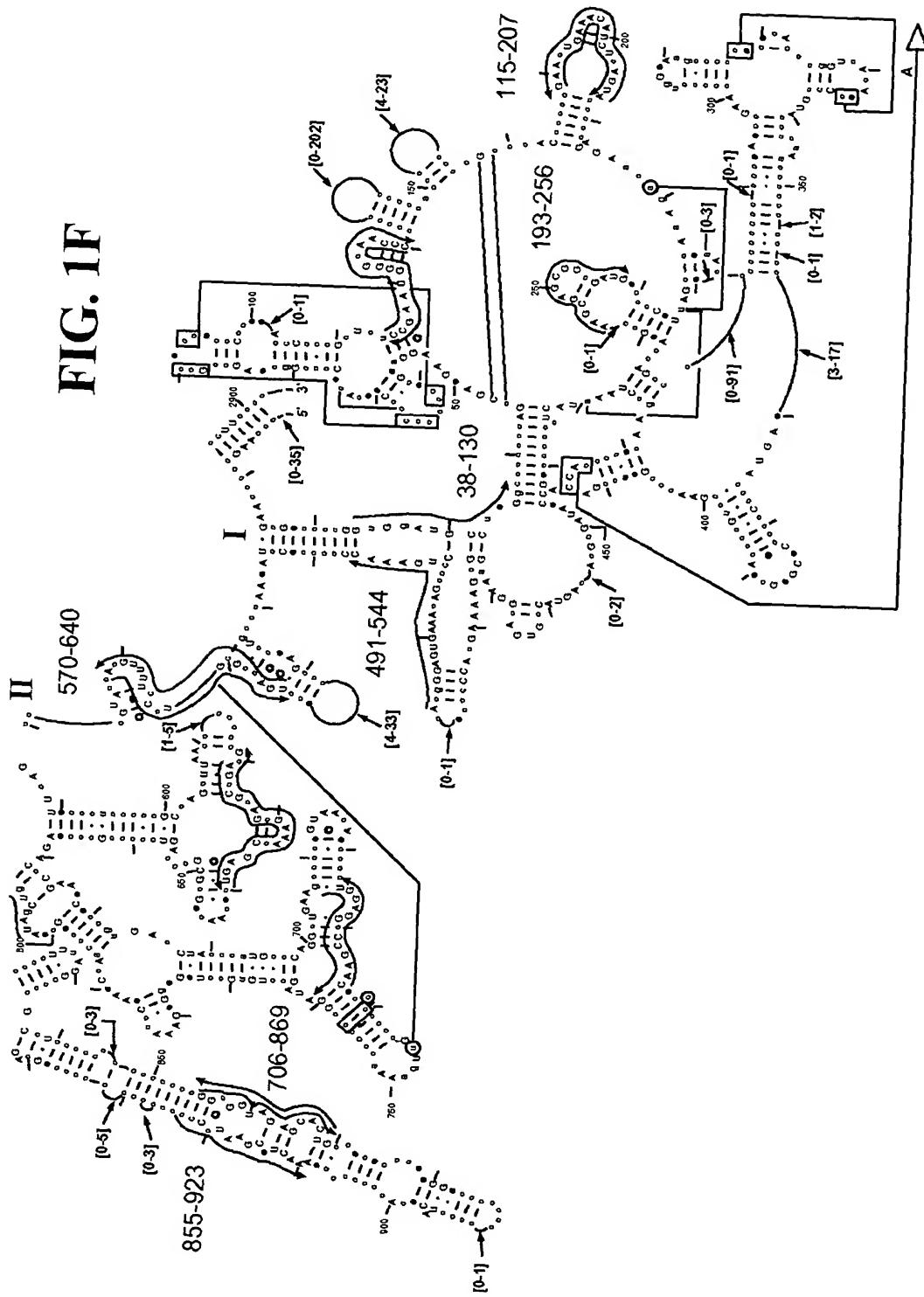
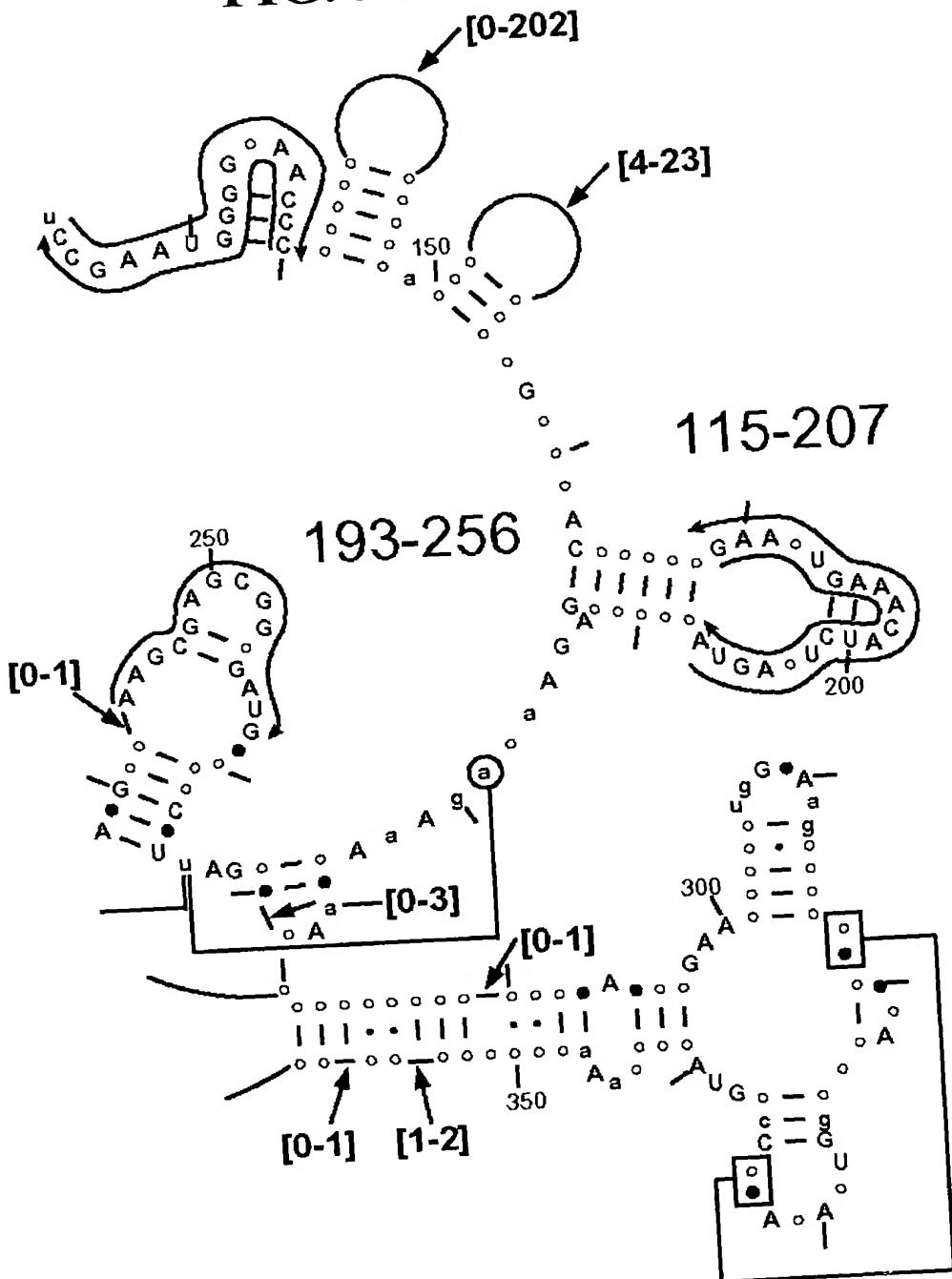
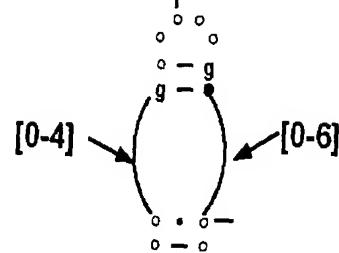


FIG. 1G

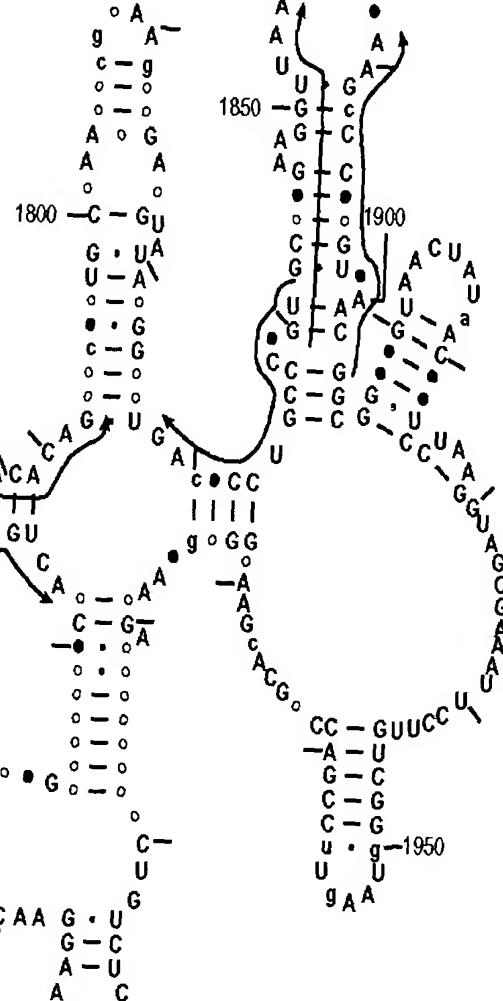


1840-1903



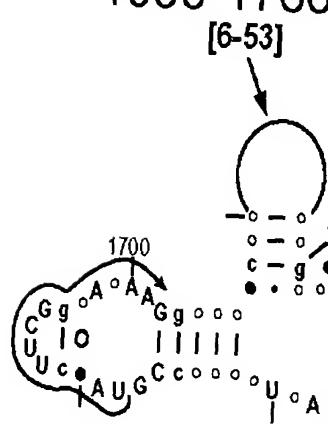
**FIG. 1H**

1778-1841

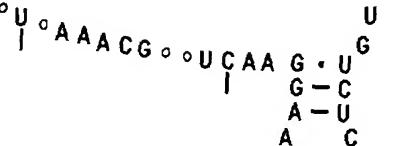


1688-1788

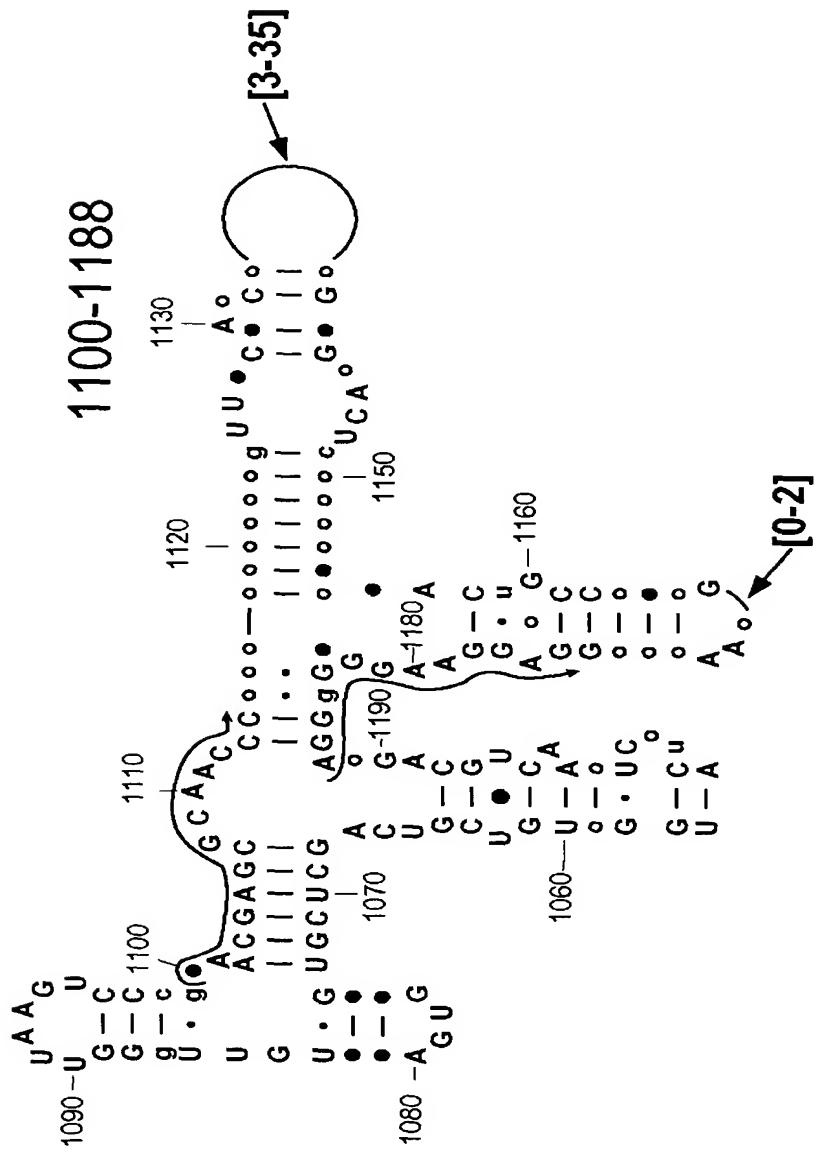
[6-53]



1700  
1750



**FIG. 2**



**FIG. 3**

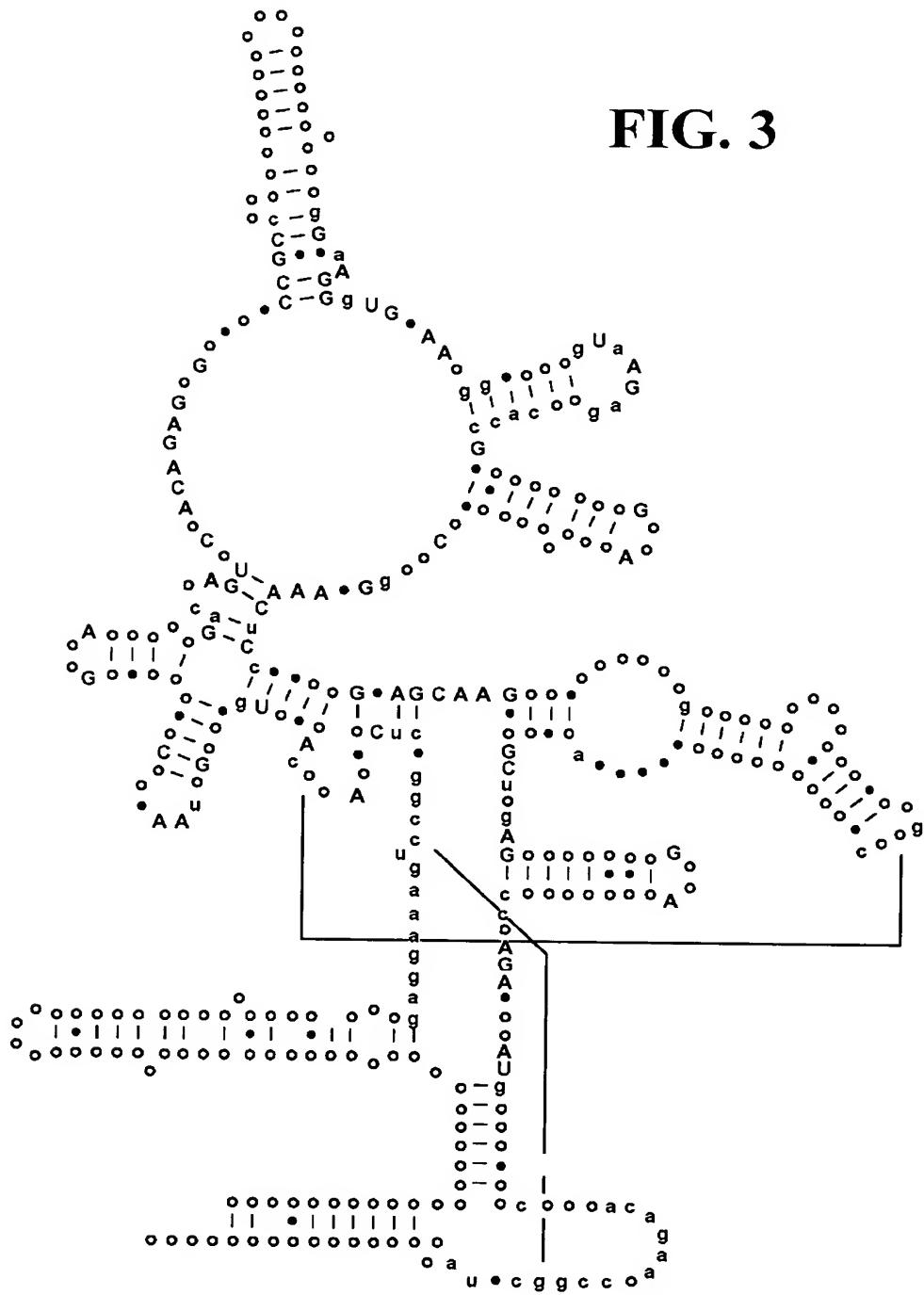


FIG. 4

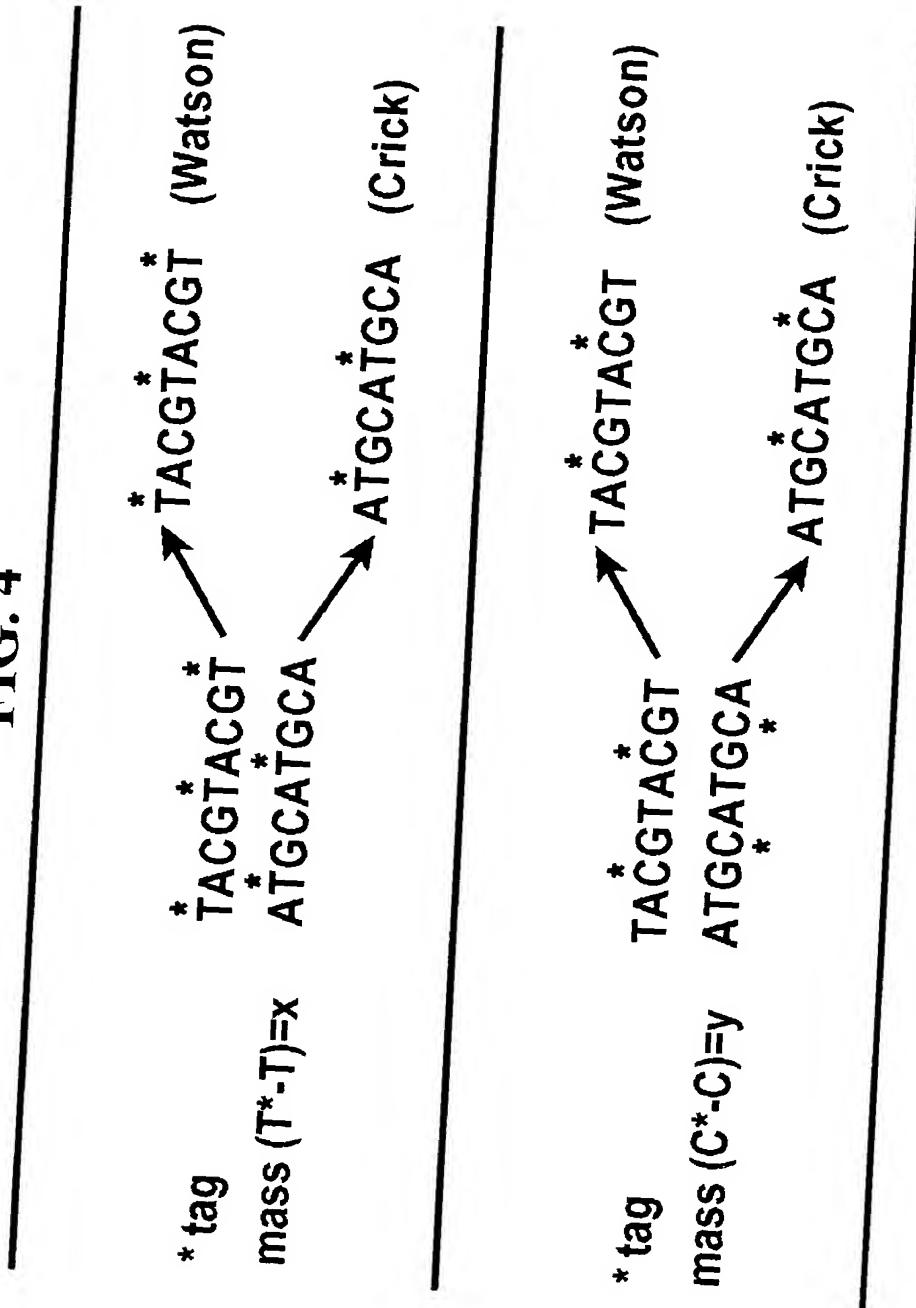
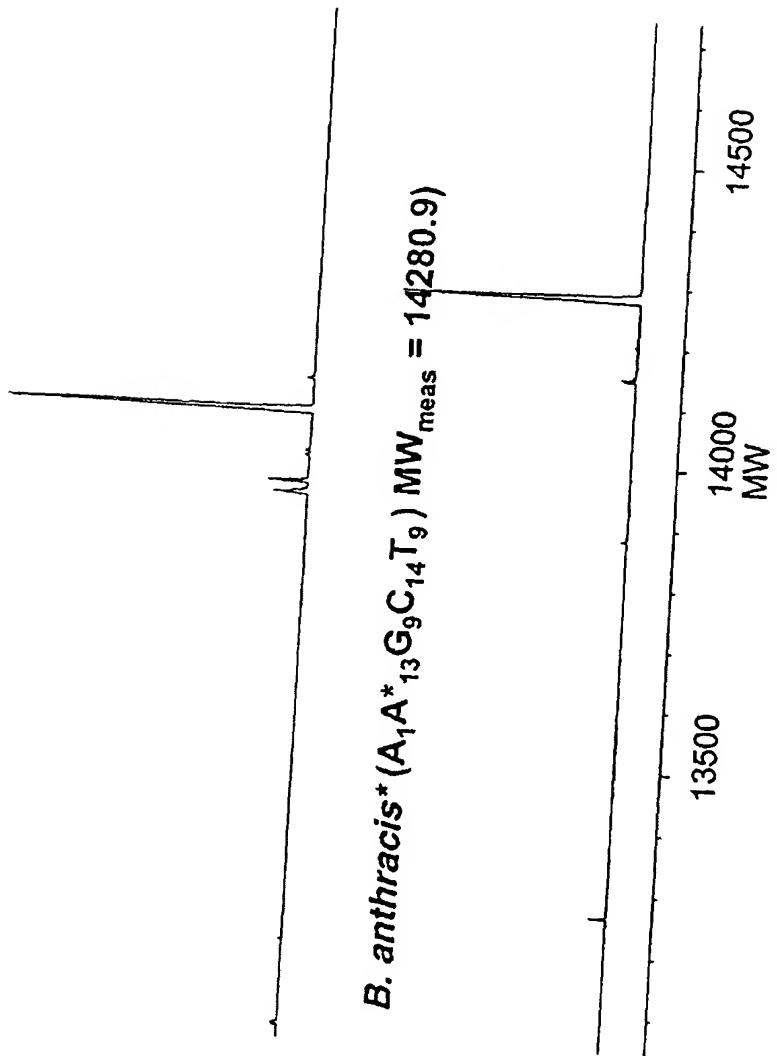


FIG. 5

*B. anthracis* ( $A_{14}G_9C_{14}T_9$ )  $MW_{meas} = 14072.2$ )



*B. anthracis\** ( $A_1A^{*}_{13}G_9C_{14}T_9$ )  $MW_{meas} = 14280.9$ )

**FIG. 6**

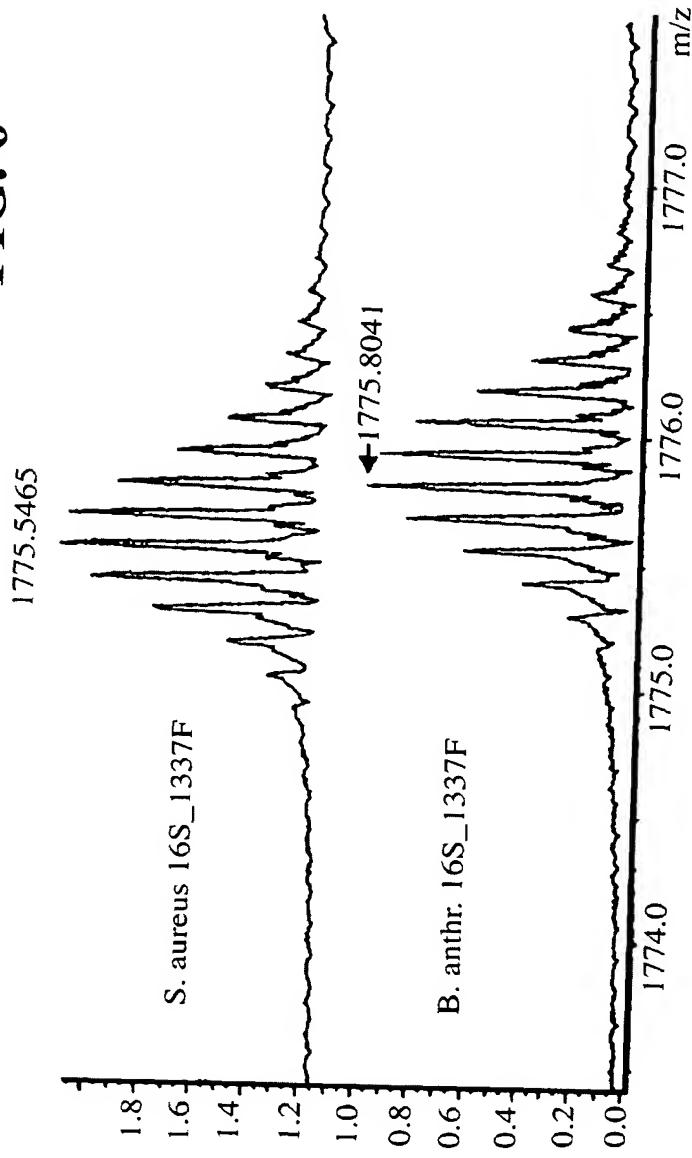


FIG. 7

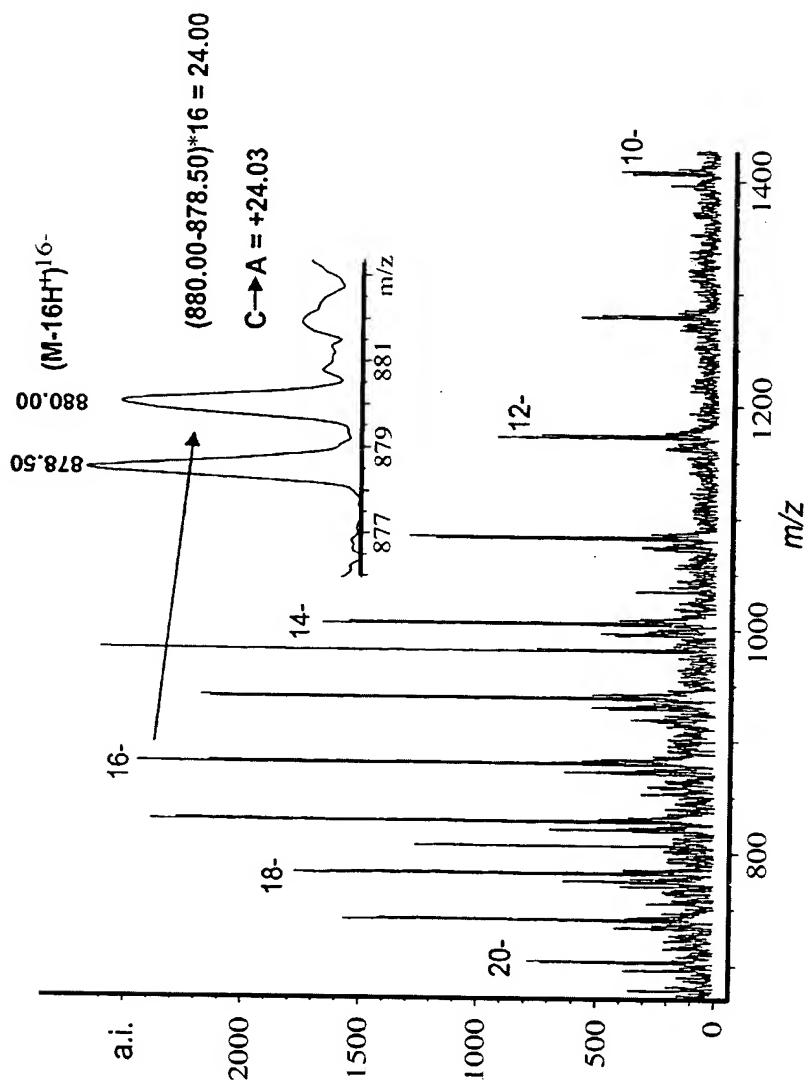


FIG. 8

ESI-TOF MS of sspE 56mer + Calibrant

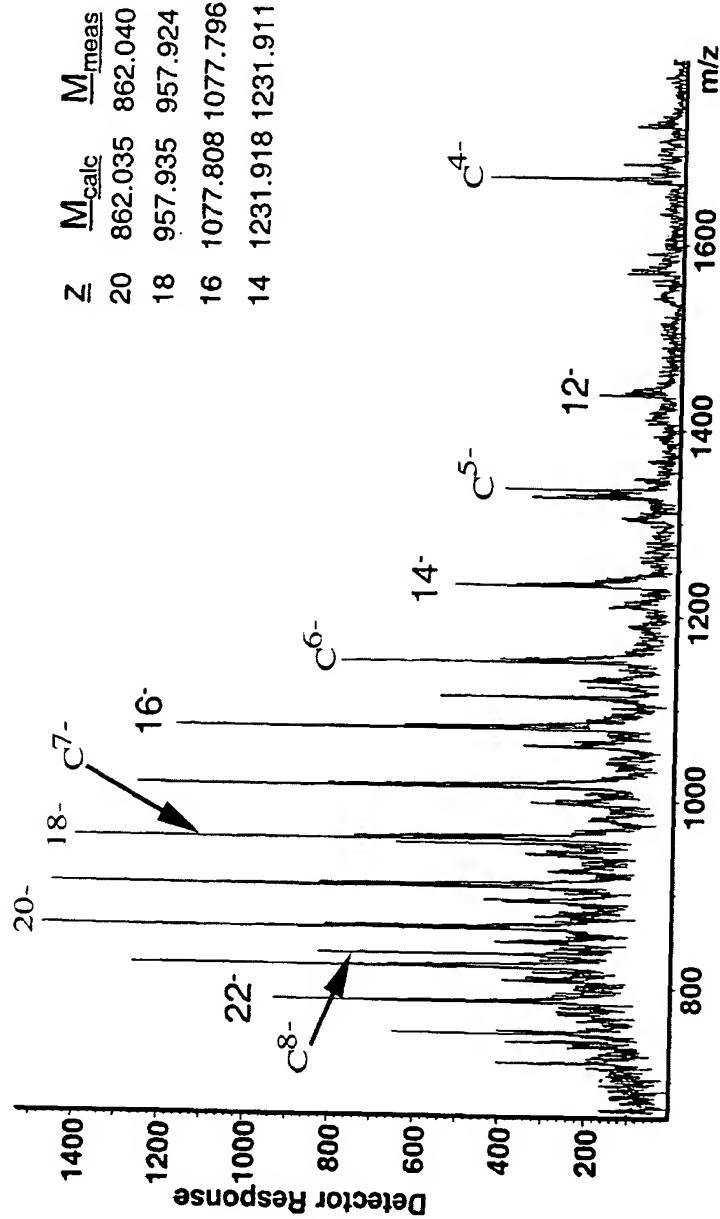


FIG. 9

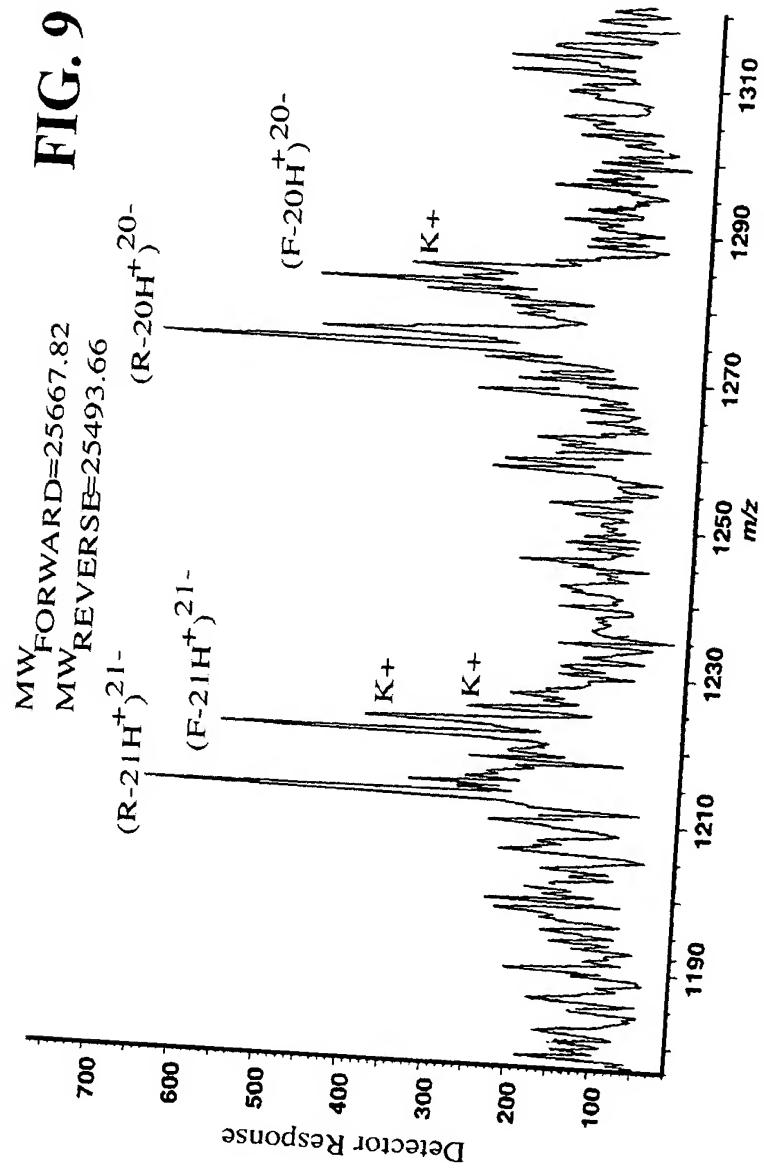


FIG. 10

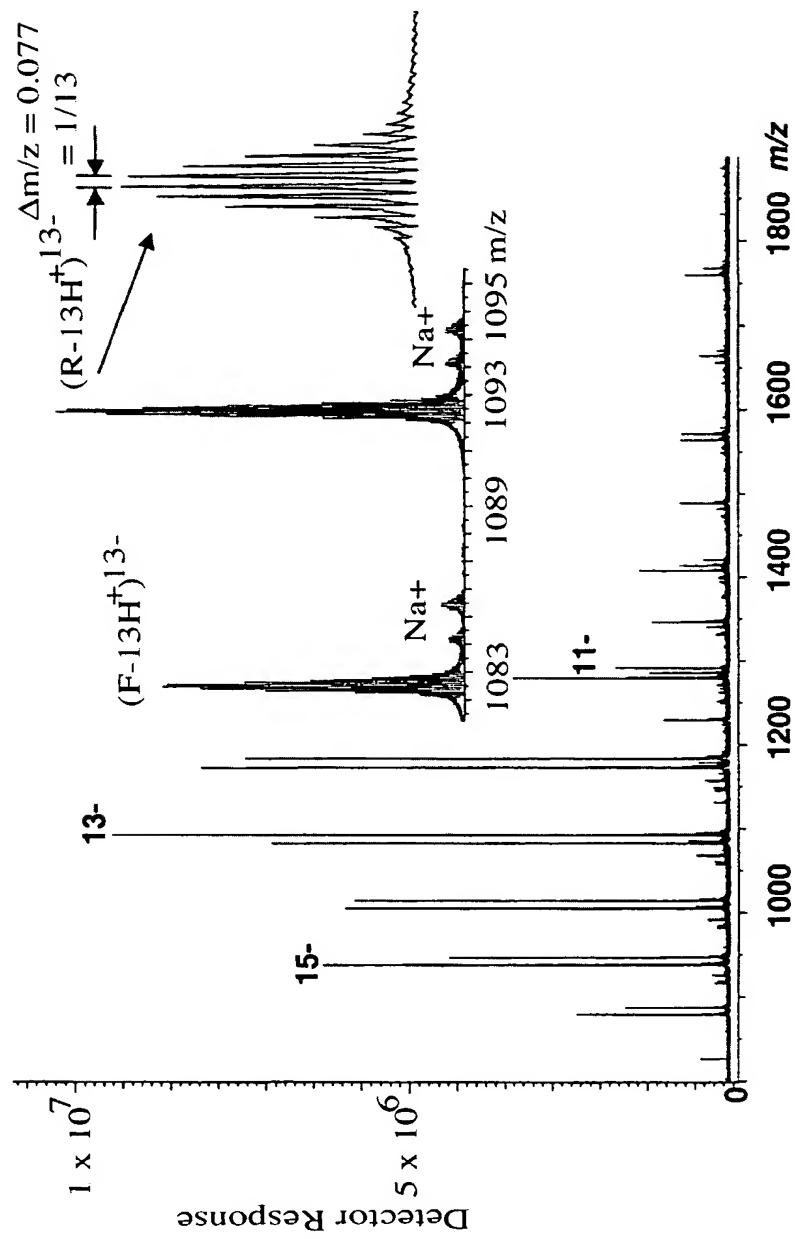


FIG. 11

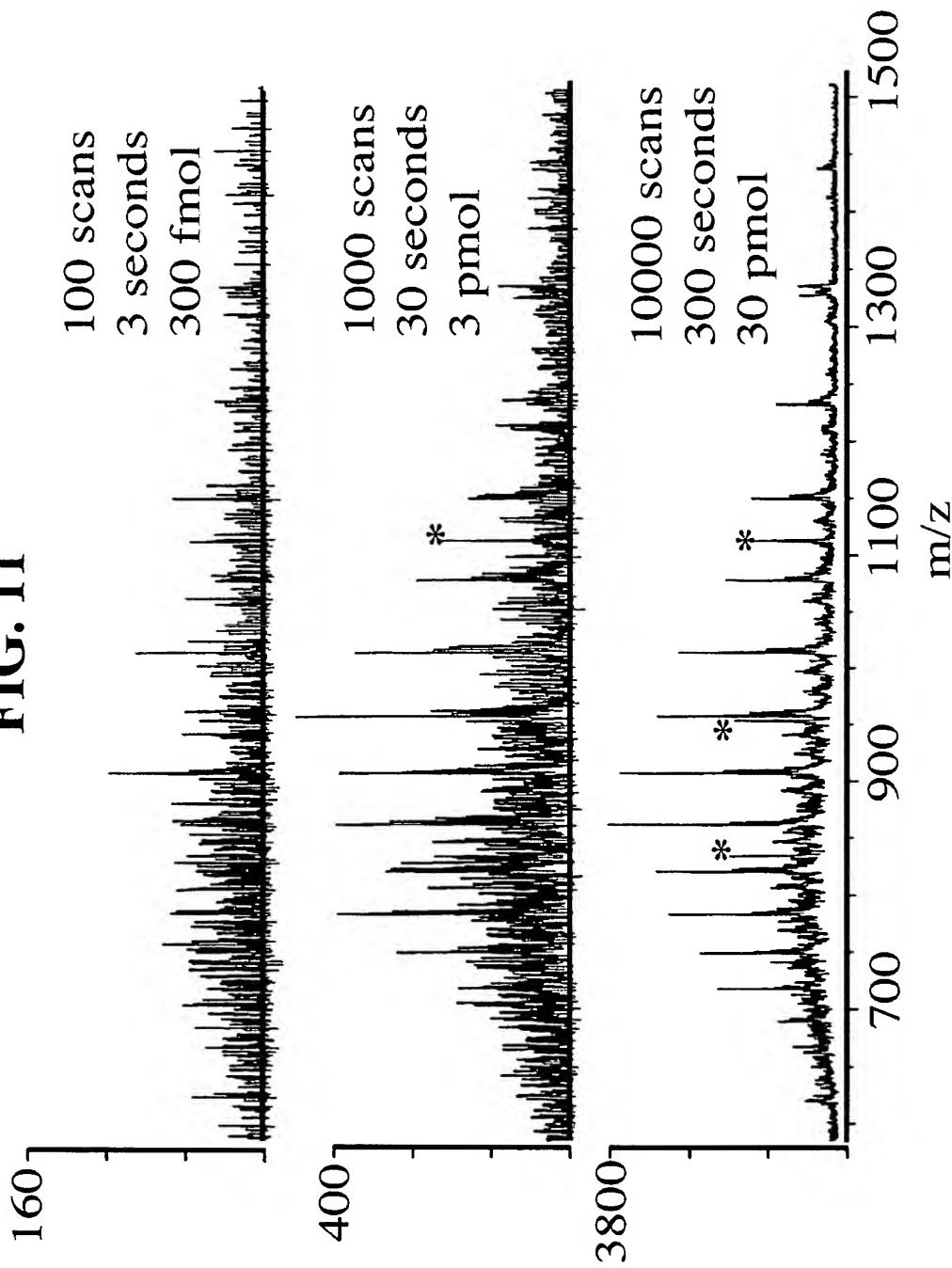


FIG. 12

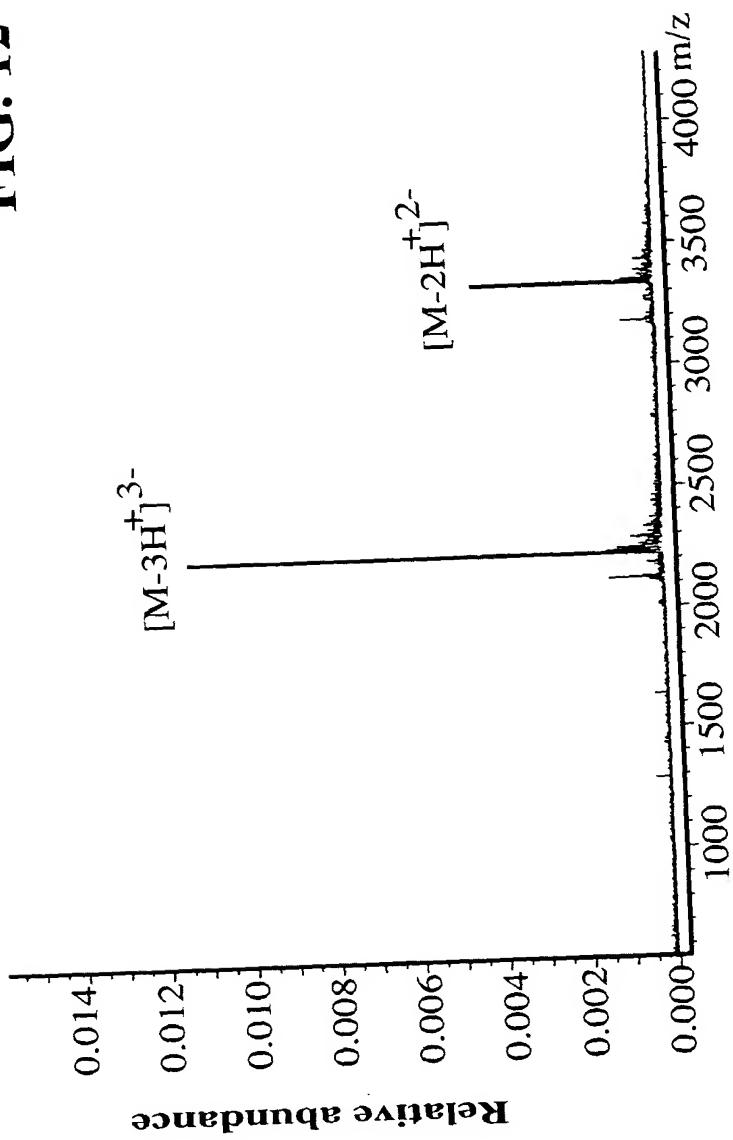
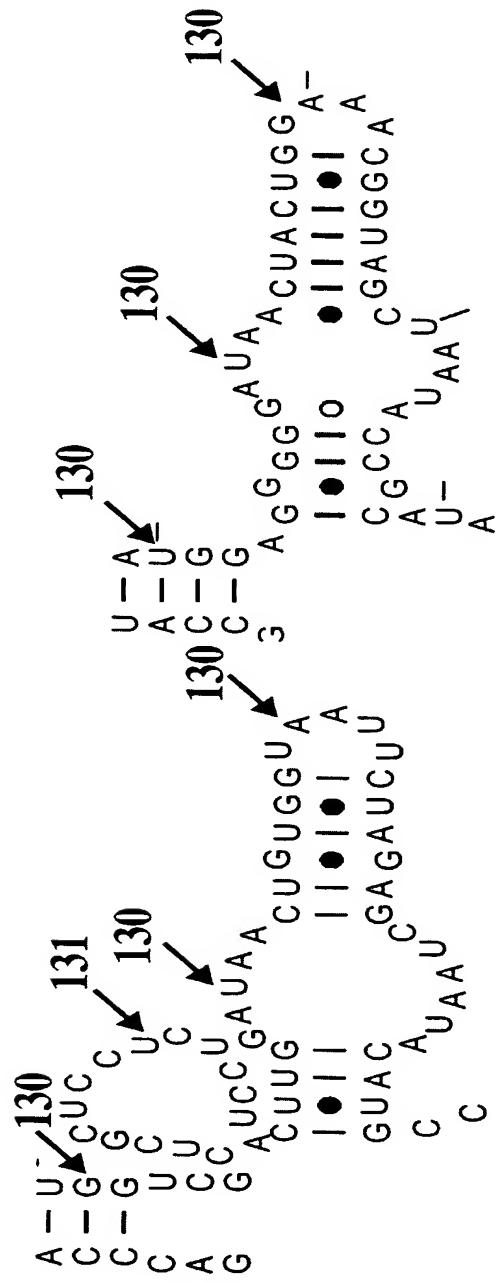
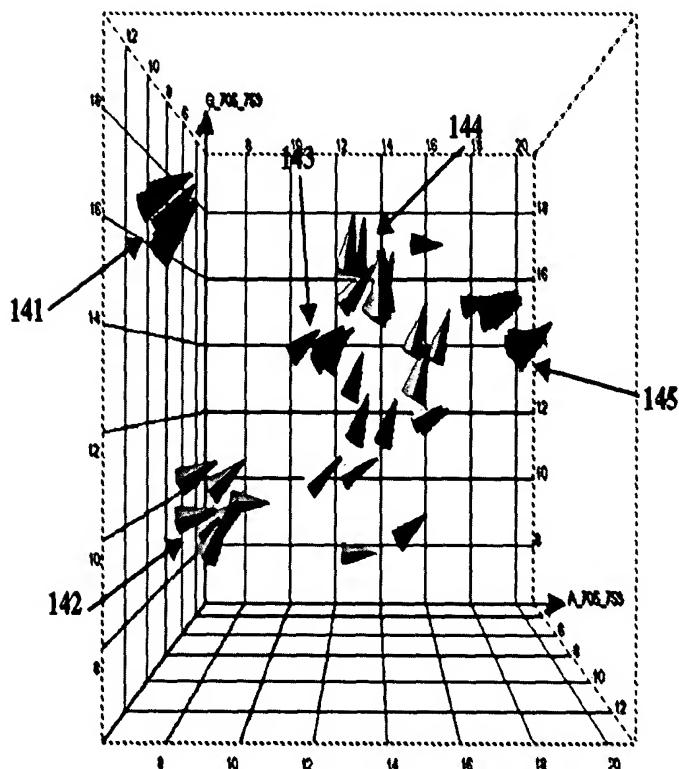


FIG. 13



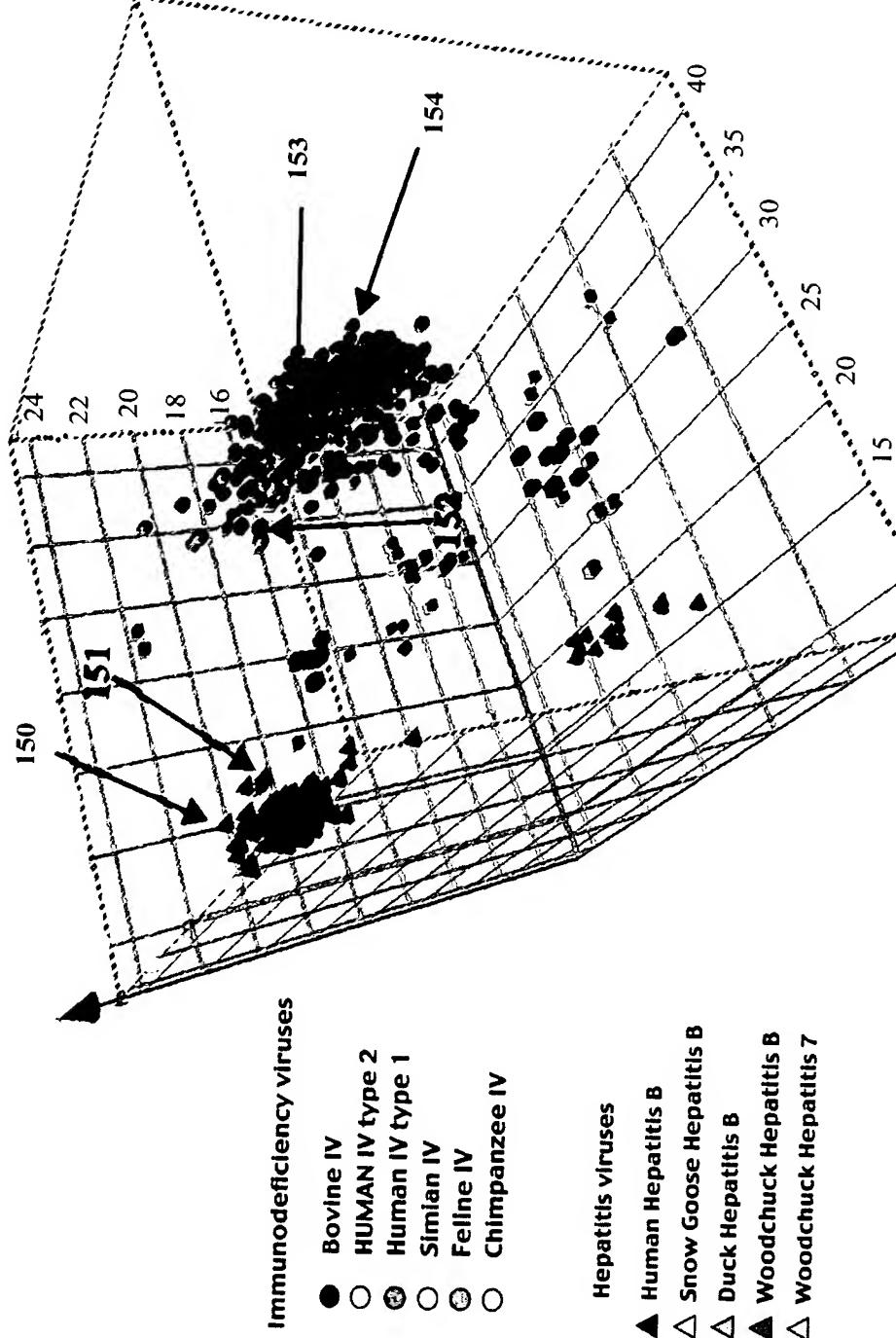
**FIG. 14**



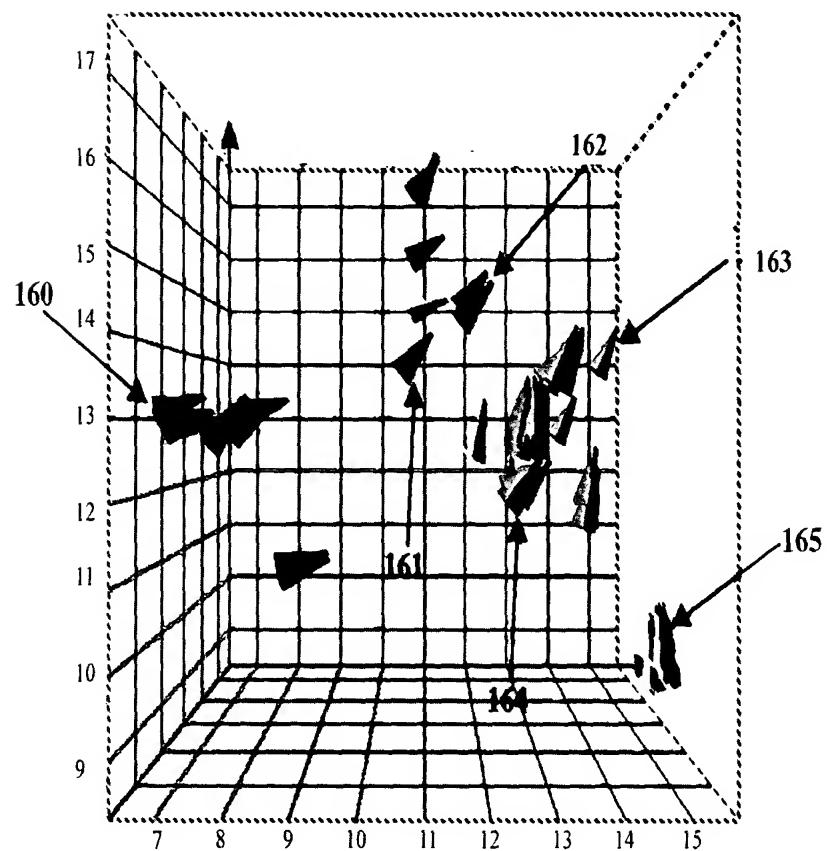
**Picrno RdRp 705-759**

■ Encephalomyocarditis virus	□ Foot-and-mouth disease virus	■ Polio	□ Rhinovirus
□ Enterovirus	■ Hepatitis A virus	■ Porcine enterovirus	■ Simian Hepatitis A

FIG. 15



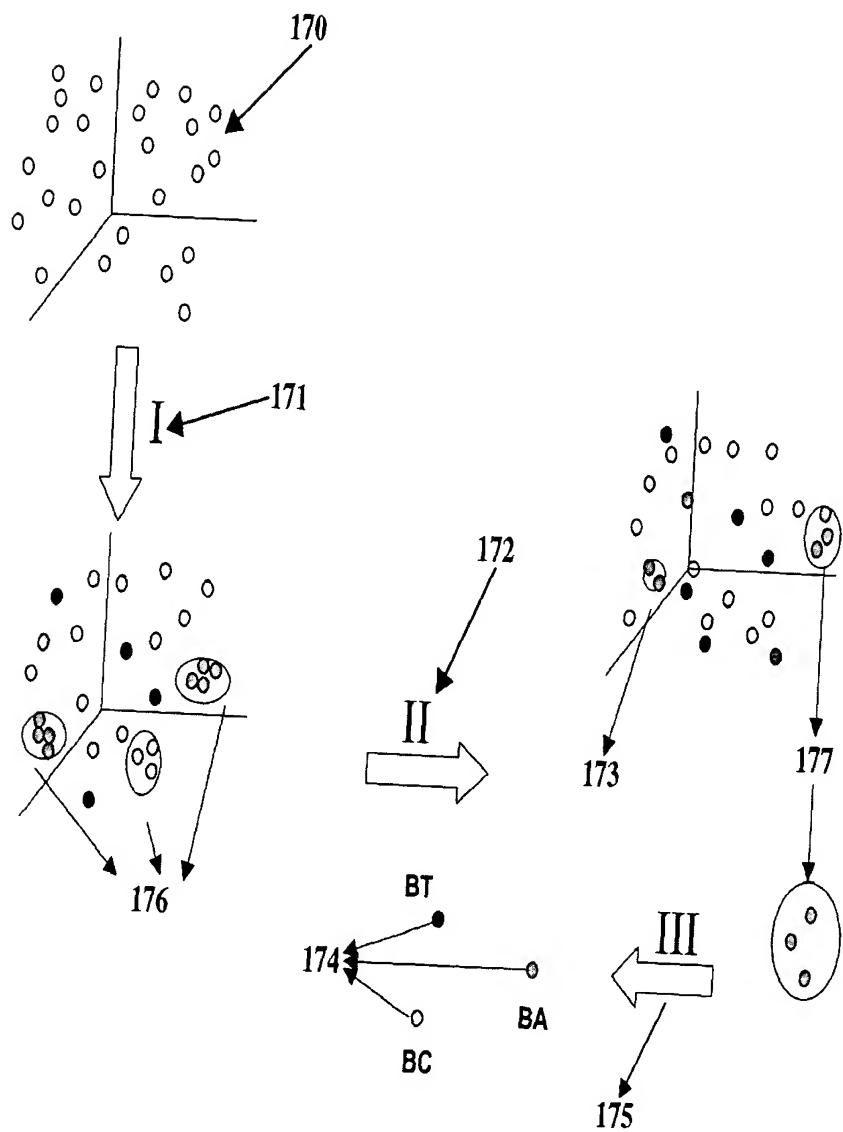
## FIG. 16

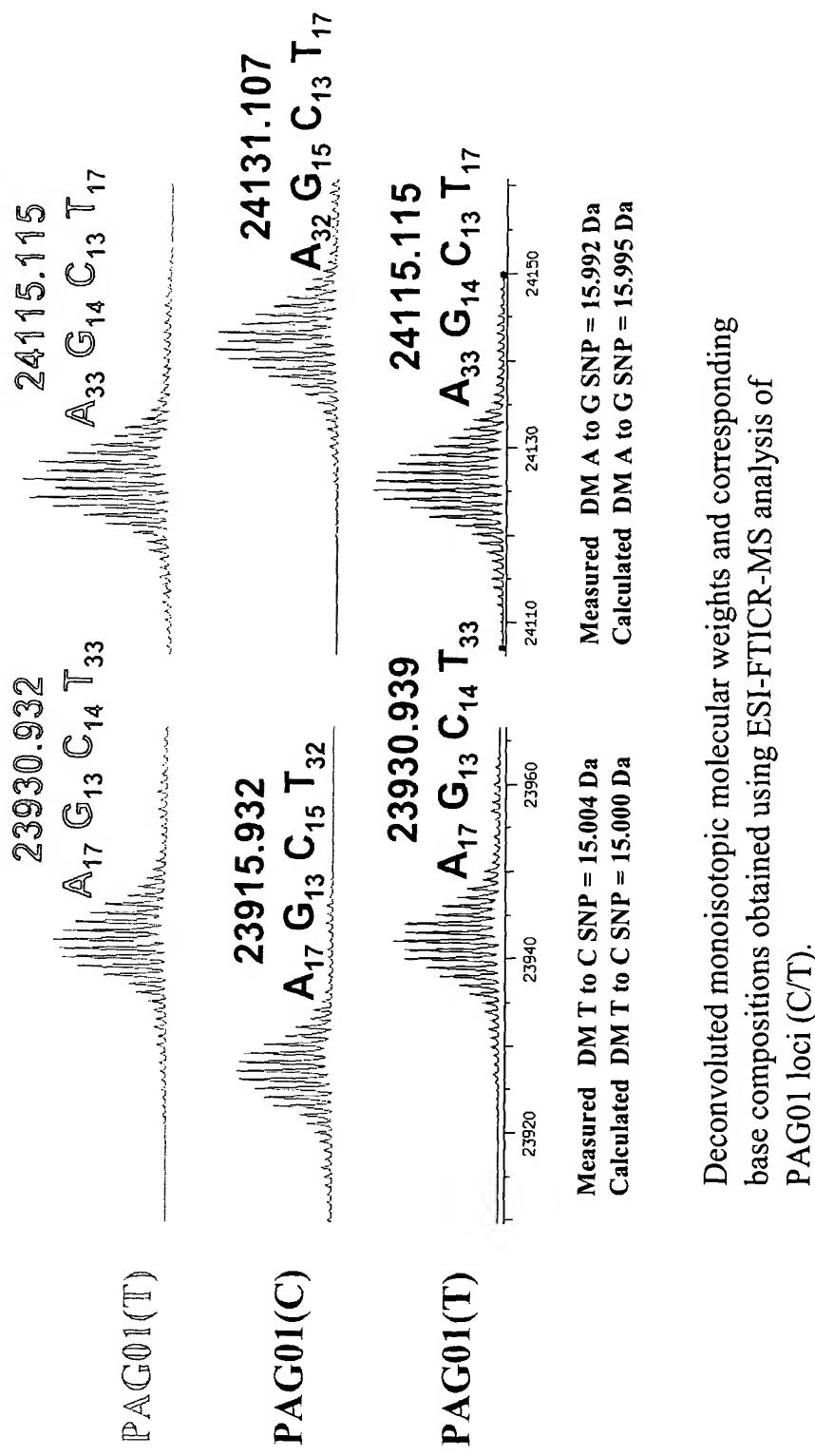


Flavi RdRp 2453-2493

<input checked="" type="checkbox"/> Dengue virus type	<input type="checkbox"/> Japanese encephalitis virus	<input checked="" type="checkbox"/> Tick-borne encephalitis virus
<input type="checkbox"/> Dengue virus type	<input checked="" type="checkbox"/> Kunjin virus	<input checked="" type="checkbox"/> West Nile virus
<input checked="" type="checkbox"/> Dengue virus type	<input type="checkbox"/> Murray valley encephalitis virus	<input type="checkbox"/> Yellow fever virus

**FIG. 17**





Deconvoluted monoisotopic molecular weights and corresponding base compositions obtained using ESI-FTICR-MS analysis of PAG01 loci (C/T).

Figure 18